

# Osteoprotegerin/TNFRSF11B

## Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00725-4**

### Capture Antibody Information

**Catalog Number:**  
83737-5-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
240671D12

**Reactivity:**  
human

**GenBank:**  
NM\_002546.4

**Conjugate:**  
Unconjugated

**Full name:**  
tumor necrosis factor receptor  
superfamily, member 11b

**Gene ID:**  
4982

### Detection Antibody Information

**Catalog Number:**  
83737-3-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
240671D1

**Reactivity:**  
human

**GenBank:**  
NM\_002546.4

**Conjugate:**  
Unconjugated

**Full name:**  
tumor necrosis factor receptor  
superfamily, member 11b

**Gene ID:**  
4982

### Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
31.3-2000 pg/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent  
should be titrated in each testing  
system to obtain optimal results.

### Product Information

MP00725-4 targets Osteoprotegerin/TNFRSF11B in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Osteoprotegerin/TNFRSF11B Recombinant antibody, PBS Only (Capture) 83737-5-PBS (240671D12). 100 µg. Concentration 1 mg/mL.

Detection antibody: Osteoprotegerin/TNFRSF11B Recombinant antibody, PBS Only (Capture/Detector) 83737-3-PBS (240671D1). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

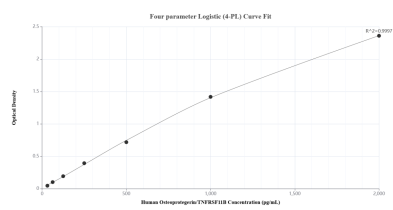
Antibody use should be optimized for each application and assay.

### Storage

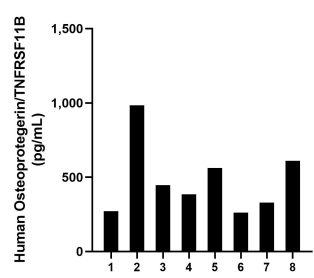
**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage buffer:**  
PBS only

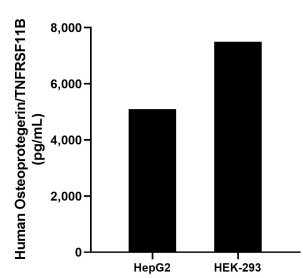
## Selected Validation Data



Sandwich ELISA standard curve of MP00725-4, Human Osteoprotegerin/TNFRSF11B Recombinant Matched Antibody Pair - PBS only. 83737-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0976. 83737-3-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL



Serum of eight individual healthy human donors was measured. The Osteoprotegerin/TNFRSF11B concentration of detected samples was determined to be 481.2 pg/mL with a range of 262.2-984.8 pg/mL



The mean Osteoprotegerin/TNFRSF11B concentration was determined to be 5,099.7 pg/mL in HepG2 cell extract based on a 2.0 mg/mL extract load and 7,496.0 pg/mL in HEK-293 cell extract based on a 1.5 mg/mL extract load.